

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Nick Franco - KF2PH" <NICKF@rcadmin.nov.add.bnl.gov>
Subject: [1595] 30 Meter Prop. Study
Message-ID: <MAILQUEUE-101.950710120104.256@rcadmin.nov.add.bnl.gov>

I've been trying on and off since I built my SW-30. I still get side tracked when I hear DX out there. Then I waste lots of time trying for the DX with my 1 watt. I think I need to put up a dedicated 30 meter antenna (maybe a 30 meter ground plane or something). I'm using a 125 foot wire center fed with 35 feet of 300 twin lead then a 4:1 balun and coax into the shack (about 50 feet). I may be losing too much along the way.

I did hear one of the qrp-1 group work the UY0ZA. It was John KC2DU. I heard the exchange while I was in the pile up with my SW-30. I never made the Q. John said he was running 4 watts (great job John). I was tempted to fire up the ICOM 728 and try at 4 watts but I stuck to my guns (pistol) and continued to get trashed on my SW-30. Eventually, I moved along with my tail down and worked VJ3 something. I didn't realize it was only Toronto until he told me. Not too good on the DX meter but at least I know my SW-30 is getting out a little.

72,
Nick

..... _:_ .._.. _..___ _.._ _:_ _:_ _.._-.- . . .
Nick Franco - Brookhaven Nat'l Lab - RHIC Project
Building 1005 - Rm. 201 - UPTON, N.Y. 11973-5000 U.S.A.
tel:(516)282-5467 Ham Call: KF2PH
fax:(516)282-3674 QRP-NE # 349

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: [1600] Alaska Beacon Not Being Heard
Message-ID: <9506108053.AA805394037@mailrouter.alascom.com>

Greetings QRP-L,

I guess the Alaska beacon is not being heard at 500 mw. There have been no reports of it being heard at least.

If there is no luck by tomorrow, I will let this idea drop for now. It ties me to the house too much to stay legal on the manual operation.

Any thoughts or reports are appreciated.

73,

Jim Larsen
AL7FS
Anchorage, Alaska
jlarsen@alascom.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Jim Larsen" <jlarsen@alascom.com>
Subject: [1605] Alaska Beacon Off (for now)
Message-ID: <9506108054.AA805403395@mailrouter.alascom.com>

QRP-Lers,

I turned it off. No more manual beacon on 7.049. Maybe this fall. Thanks for listening.

73,

Jim Larsen
AL7FS
Anchorage, Alaska
jlarsen@alascom.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: JEVERHART@cayman.vf.mmc.com
Subject: [1574] ARCI Homebrew Sprint Results
Message-ID: <950709212629.2020e167@carib.vf.mmc.com>

Gang,

Well, the QRP ARCI Homebrew Sprint is history. Lots of fun. This format is very handy because it doesn't absolutely kill a weekend, but gives enough time to have a reasonable number of QSOs. Tastes great AND less filling.

I managed only 24 Q's because I worked only 40 meters with my NC-40A and dipole, but they were QUALITY contacts :-). My preliminary calculations give a score of 13085.

Managed to find a number of INETTERS: NM1J (Scott), WA4KAC (Walt), KT3A (Cam), N4AOX (Clay), N6GA/1, (Cam) and WB2QDG (Tom). I was especially

glad to connect with the contest manager, Cam who was portable in VT as promised. Chuck's (K5FO) handy dandy condensed INET list was very useful. Probably more QRP-L'ers because the list hasn't been updated since its creation.

Late summer afternoons on 40 can be funny. Sometimes, like today, they are super for single hops out to 400 miles or so. Other times the band can be good out to 700 or 800 miles with some effort. I heard several other VE3s, some 8's (like Byron, WA8LCZ), 9's and 0's, but couldn't make it to them.

I think some guys read my Field Day comments, 'cause they tail-ended contacts with me as I described. Lots of very good sharp operators out there! I was also encouraged by some low-speed operators who weren't afraid to jump right into the fray. Everybody I heard slowed down to accomodate them and make them feel welcome. I also heard at least one QRO op who jumped in and asked what was going on. When told, he stayed to hand out more contacts. His 100 w gave him a 579 signal and he gave me the same, 579, for my two watts. Maybe we planted a seed here.....

Come on QRP Afield!

72/73,

Joe E. N2CX

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: bobhigh@primenet.com (Bob Hightower)
Subject: [1590] ARCI Number
Message-ID: <199507101458.HAA16789@mailhost.primenet.com>

How does one go about joining ARCI and getting an ARCI number? I see several references to this, and would like to do so.

Thanks and 73,
Bob KI7MN bobhigh@primenet.com

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: H Smith <hbs@crl.com>
Subject: [1579] ARCI QRP Sprint
Message-ID: <Pine.SUN.3.91.950709190954.2604B-100000@crl.crl.com>

My first QRP contest! Not a big effort, but mucho fun.

Operated on 20 meters using my new OHR Classic throttled back to 0.9 watts. Antenna was a 40 meter delta loop tuned up on 20 mtrs.

15 QSO's including Vermont (N6GA/1), California, Oregon, Alberta (VE6GK) and HP1AC in Panama (I guess).

Cam, N6GA/1 was my last QSO, just barely under the wire at 23:59:59 UTC :-)

Ok, when is the next contest?

CUL,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1575] ARCI Sprint
Message-ID: <199507100201.VAA10771@chuck.dallas.sgi.com>

Worked 11 QSOs on 20M with NN1G Mark II with 0.95W to long wire. Got started late as I completely forgot about it and was reminded only when I accidentally logged on to the system at work to check email for the weekend. :-)

I'll have to sit down and figure out the score, but my greatest thrill was working VE6GK for two way 1 watt each contact. He got stronger about 30 mins after I worked him. Also KM3D was at one watt also. About an hour and a half total time. 8 S/P/Cs from NJ to OR.

Wasn't a gung ho effort on my part, just another hot lazy summer day staying in outta the heat. Think we hit 100 degrees F today. Heat index around 103 or 104.

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: nwqrp@scn.org (SCN User)
Subject: [1597] Backpacking with QRP
Message-ID: <199507101655.JAA12976@scn.org>

QRP-L gang,

Had a great QRP-backpacking weekend with soon-to-be-lisenced Marcia.

We left straight from work on Friday and drove (a friends borrowed car) over Snoqualmie Pass to Cle Elum, WA. From there we passed through Roslyn (where Northern Exposure is filmed) to the Deception Pass trailhead.

We camped by the Fish Lake Guard Station (USFS, Wenatchee Nat. For.).

I got up at 5:00 am and pulled out the wrist rocket/spinning reel. The first shot went right to the top of a 35' fir. I strung up the Bic (TM) Flamethrower (40m model), fed with tv twin lead. Set up QRP+, MFJ tuner, OHR wattmeter, and first contact was VK4MZ, then XE1CCB on 40m around 6am PDT. I made coffee and oatmeal, woke Marcia, then checked into the NW QRP Sat. am Ragchew. Bill, N7MFB was net control, with W7KJ (John) and KF7QF (Brian) as the other check-ins. They heard me, despite having to get over the Cascade Range, but not well. Fun!

Had breakfast, packed up and started up the trail at 10am. At 11:30 or so the sun cam out and charged the batteries (with Unisolar Panel) until we reached Marmot Lake 9 mi. later (7pm), elev. 5200 ft. or so.

The sites by the lake were taken, or were too hard to get to (we were tired) so we found a site on the ridge. Had dinner and strung up the antenna again (inverted-vee). Worked DA0HQ, S50HQ, N2BCC, OM5HQ, and LY2IJ before the thunder storm/weak batteries/vodka drove me off the air.

No thunder damage, but beautiful lightning. It rained all the next day, but that was okay. We reached the car at 5pm Sunday.

All was well until now. I downloaded the QRP-L/boatanchors/newsline/arrl/GQRP-L mail (185 messages) and now the file is too big to fit in MS Edit. Oh well, I'll try the computer at work.

--Brian, KV9X

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nwqrp@scn.org

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From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1570] Beacons
Message-ID: <199507100032.TAA04373@chuck.dallas.sgi.com>

Gang,

The question came up recently on beacons.

So, from the "FCC Rule Book - Guide to the FCC Regulations" as published by the ARRL, I quote from page 12-4, Chapter 12 titled "Specialized Operating".

BEACONS

A beacon station is simply a transmitter that alerts listeners to its presence. In the radionavigation service, beacons are used to provide navigational guidance. In the amateur service, beacons are used primarily for the study of radio-wave propagation --- to allow amateurs to tell when a band is open to different parts of the country or world. Accordingly, the FCC defines a beacon as "an amateur station transmitting communications for the purposes of observation of propagation and reception or other related activities" [97.3(a)(9)].

The rules address beacon operation [97.203]. A few key points:

- o Automatically controlled beacon stations are limited to the frequencies shown in Table 3. Beacons that are manually controlled are not subject to the same restrictions as automatically controlled beacons [97.203(d)].
- o The transmitter power of a beacon must not exceed 100W [97.203(c)].
- o Any license class, except Novice, can operate a beacon station [97.203(a)].

Table 3 Frequencies Authorized for Automatically Controlled Beacon Stations

28.20	-	28.30 MHz
50.06	-	50.08 MHz
144.275	-	144.300MHz
222.050	-	222.060MHz

432.300 - 432.400MHz

all amateur bands above 450 MHz

Thus, it looks like beacons below 28 MHz are not allowed by rules within the USofA. Care is required here.

It will be interesting to see what happens to beacons below 2M after W5YI application, since from what I understand one way transmissions are trying to be eliminated by Fred's application.

dit dit es FYI

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [1577] Except for the Bagpipes - I would have done better...
Message-ID: <199507100206.WAA29941@brutus.bright.net>

It was good to hear and work some familiar calls on the ARCI test this evening. 35 qsos, multiplier of 22 - single band 20 meters. Worked 3 dx countries plus V01DRB and VE6GK who took time away from the keyboard to get on the test.

The rig was a Hands Electronics TCV xcvr for 20 meters. It worked quite well, but I found that I need to put some narrow filtering in it, and need to get a MUCH BIGGER tuning knob on it - one that is not so stiff! My wrist got tired from tuning 14.060 to 14.050. The next test I should have one of the multiband rigs together and running - with a cw filter and a big easy to turn knob on it - no more 1" vernier drive! It will also have AGC - amazing how loud some of those qrp sigs can be when the gain is turned up on the RX.

Smitty - NA5K - I heard you , called you, heard you come back, and that was then end of it - then had a very nice run on your frequency when someone called me - mni tnx! Maybe next time I will actually be able to work you.

The bagpipes....?? Thats why my rate dropped way off at the end. My XYL took up the bagpipes several months ago - and decided to

practice just outside the shack the last 20 minutes of the test. The low end of 20 is nothing compared to 14.060 with the bagepipes just outside the shack - even a cw filter would not have helped....

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://ncc1701-d.cc.nd.edu/kanga/](http://ncc1701-d.cc.nd.edu/kanga/)

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: [1589] Got him - S01M!
Message-ID: <9507101355.AA23597@clark.dgim.doc.ca>

I just jumped out of the shower last night and heard some heavy duty diddling on 14.083... and there he was - S01M! It took me a couple of calls, but I got him with 4 watts on Baudot. Anybody else try?

=====
Jim Cummings
eMail:jcumming@clark.dgim.doc.ca
packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
73 and live better digitally
DON'T GET TOO EXCITED...
because remember, today is the first
day of the rest of your life.
=====

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: rheiss@tuba.aix.calpoly.edu
Subject: [1609] HB Sprint With Restored HW-8
Message-ID: <9507102120.AA91455@tuba.aix.calpoly.edu>

My homebrew project so far this summer has been to modify my Heath HW-8 transceiver which has been stored since 1979. Why bother? Because this was the rig of cash-strapped novice WD0HHQ who carefully assembled it and used it for all his contacts. It has sentimental value. But we're not running a museum here; we only keep things which can be used. So some research in Mike Bryce's "HW-8 Handbook" and old CQ columns by Adrian Weiss, plus some experimentation with an oscilloscope and a second receiver, identified six improvements needed to meet 1995 minimum standards for a CW transmitter. Out came the smoldering iron.

The ARCI Sprint came along at just the right time to try out the mods. Most of the activity seemed to be on 20 and 40. The little boatanchor's receiver is inadequate for QRM level on those bands, but we plunged in anyway and made 10 contacts with two watts. Best DX was VA which is relatively easy to work with Dan, N4ROA at the other end. I was stoked after that -- coast to coast with a dipole and the rig I built!

None of the six mods added new features or changed the appearance of the rig. None improved the receiver either. How can this be, six things worth fixing in the transmitter alone? Yes:

1. Hard keying -- uses more bandwidth than SSB
2. Heavy keying -- unreadable above 12 to 15 WPM
3. Key line current dumping -- stresses keys and keyers
4. Motorboating -- rough tone even with a battery
5. Hot-switching TR relay -- generates TVI
6. Freq. offset unlike filter -- may force the other op to use RIT

With those problems fixed, an HW-8 might be worth keeping around as an 80 meter rig, since the QRM is much less there (on the west coast) and the 250 KHz tuning spread is useful. The three watts should be enough.

For 40 meters it's time to build something new. The ARK-4 or OHR Classic would probably meet my needs. The reviewers say these are quality kits, but so was the Heath and it might be nice to know in advance what kinds of mods others have found to be necessary. If you would like to share your opinions please send me email which I will keep private.

73, Rob K06KA
rheiss@tuba.calpoly.edu

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: rarland@epix.net
Subject: [1578] Homebrew Sprint
Message-ID: <Pine.SUN.3.91.950709220414.10542B-1000000@mango.epix.net>

Well Gang:

After all the "honeydoos" were completed (I was hauling flagstones for Tricia's landscaping project....if I never see another flagstone, it will be too soon!) I managed about 1.5 hours in the Sprint. Used the Argo 509 (I'd like to claim it as a HB rig, cuz I changed out the dial light and dial cord....but Cam won't let me!) with the TH7DX and the new full size 80 meter Zepp at 47 ft fed with 450 ohm ladderline thru a tuner) for a hi-band (20/15 meter) entry.

Score is 17+ Kpoints. Not bad, considering I had limited time in the contest. Being able to switch instantly from the beam to the dipole is a great help in maximizing the number of Qs one has a chance to snag.

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: bobhigh@primenet.com (Bob Hightower)
Subject: [1580] IARU '95 contest w/QRP+
Message-ID: <199507100335.UAA15267@mailhost.primenet.com>

I, too, took a shot at the IARU contest, with the QRP+, hb mic that gives me 700mW on SSB, and the Butternut HF6V. Only operated a short time, but was able to make 1 contact in New Orleans, 3 in PA, 1 in Ithaca, NY, 1 in Ontario Canada, 1 in Alabama, 1 in Maryland, 1 in Iowa and 2 in CA. Not bad for a first try at SSB QRP. Only a couple of them needed repeats of the report, and I wasn't consistent about identifying myself as a qrp station. When I did, the other station usually came back asking for the qrp station, so some of them do listen to the weak ones.

So, I'm impressed with what 700 mW will do. No DX contacts except for the VE3, but I didn't expect any. Of course, with that power level, most anything is DX, isn't it? Most of the contacts were made by tuning just above or just below the calling freq instead of fighting the crowd.

Now I'm waiting for QRP AField...got to get the code speed up and get on the cw portion of the bands.

73 to all Bob KI7MN

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: H Smith <hbs@crl.com>
Subject: [1588] Kit instruction manuals
Message-ID: <Pine.SUN.3.91.950710061214.12216A-100000@crl11.crl.com>

Now that the 4th of July Holiday week is behind us, I would like to take another stab at getting some more input for my little survey. I got 7 responses (thanks to all), but I would like a few more. I will post the results towards the end of the week.

There are readers of this list (including myself) who are interested in building kits.

There have been numerous kit product reviews but I would like to get opinions about the kit's INSTRUCTION MANUALS. Some kits are geared more to the expericenced builder and hence have fewer detailed instructions.

If you have built a kit, the questions are:

1. What is the model number/name and manufacturers name of the kit.
2. What was your kit building experience at the time you built it (beginner, average, advanced)?
3. Was there a "Theory of operation" section in the manual?
4. In your opinion, were the instructions for the beginning, average, or advanced level kit builder?
5. What is your overall opinion of the instruction manual, Excellant, Good, Average, Below Average, or Poor?
6. Did the kit work when you finished it? If not, was it your mistake or theirs?
7. Do you like the piece of equipment that you built? Do you use it?
8. Other comments about the instruction manual. (optional)

Please answer all of the questions if you can. And, as before, please respond via direct email. Save an electron :-)

Thanks for the responses,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: geoffs@onr.com (Geoff Schecht)
Subject: [1598] Murata filters and others
Message-ID: <199507101703.MAA25893@Sierra.onr.com>

I've been getting a *lot* of responses from everyone regarding Murata ceramic filters and their availability. A second source, NTK, is supposedly easier to do business with and I've ordered a catalog from them, also.

For those who don't already know, CirKit in England stocks a number of the Murata filters and sells them at better prices than I've been quoted for them from places like Universal Radio here in the US. Murata will sell them only in minimum qty's of 50. They're not that expensive in bulk (\$18 each for the 15 pole one I was looking at) but unless I try to resell them myself, it's hardly worth the investment.

I have a table of Collins filters in a book that I have on RF design. Collins filters are very good in terms of size and ultimate rejection but their insertion losses are rather high. An XTAL filter with similar PB characteristics to the one I'd like (3kHz/-6dB, 6KHz/-60dB) has much lower insertion losses but they're bulky and hard to shoehorn into what I've got.

Fox-Tango (or their new owners) are sending me a catalog as well. I had a Rockwell-Collins catalog on mech. filters from several years ago. I understand that they have a newer line of a torsional mode mech. filter that's a lot smaller than the old axial-mode disk designs and I'd be interested in finding out more about them. The engineer that answered the phone the last time I called them about a Collins filter was ultra-nasty to me and that sort of dampened my enthusiasm for Collins, in general. Hope they canned that guy or got him a job in HR.

It's not inconceivable that I may design a transceiver of some kind in the future if I can get access to a lab with a network analyzer, spectrum analyzer and decent signal generator. I'd like to get as much info on filters as I can at this point to determine the feasibility of completing such a project. Filters make-or-break a lot of the qualities of a good RX (or decent SSB generator) and easy availability is a big issue in the planning stages.

Geoff NQ7A Austin, TX.

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: Jim.Nestor@ey.com
Subject: [1591] New Kid on the block
Message-ID: <00145000013886980000004*@MHS>

Actually, it's been over 50 years since I was a new kid... but I am new to this list, so let me introduce myself.

My name is Jim Nestor and my call is WK8G. I've been a ham since 1967 and an Extra class for about 10 years.

I have been a dedicated, if not always active, QRPper since about 1987. Spend about 99% of my operating hours running QRP CW. Own one QRO rig, Icom 735 which has been tweaked down to 1.5w level. Bought MFJ-9020 last Summer and having a ball with it and another new hobby - camping.

Planning an IOTA expedition of sorts in August. Plan to hit Mt. Desert (ME), Campobello (VE1), Cape Breton (VE1) and Prince Edward Island (VY1) over a two-week trip. Taking the 9020 and assorted wire antennas (loop, half square).

Have the urge to build again, last project was the RadioKit QRP-20 (K1BQT design from about 7 yrs ago). Thinking of trying an OHR rig for 30 meters to take along on the trek.

Just renewed my QRP ARCI membership (#5831) and thinking of joining NorCal and New England groups, too.

Could really use some info on latest kit rigs. Requested, then misplaced info on NN1G rigs and am intrigued by what little I've heard about NorCal NC-40A and Sierra.

What is the status of the Sierra? Is it still being made? What does it cost?

Can anybody give me a rough estimate of the skill and time required to assemble & tune up the following:

OHR Sprint II (I know it's a DC receiver.. used to have a Century 22 & wish I'd kept it)

OHR Explorer

NN1G

NorCal 40A

NorCal Sierra

Also, how about availability since I need to get it and get it built before August 12th.

Has anybody got their hands on the new 4-band OHR kit?

had about an hour to play on Sunday and got into the Sprint. Worked about a dozen stations on 20m with the 9020 and vertical loop antenna. I'm hooked

again!

73s and look forward to lots of fun sharing here.

Jim.nestor@ey.com

PS. heard somebody was looking for a writer to review the NC40A. I've published articles in ham magazines (been a few years), professional journals (computers, networks and accounting) and wrote a weekly newspaper column for 9 years. Would be interested in writing the review if I can get my hands on a NC40A. What magazines would be interested in such a review? QRP rags? What is the price and delivery schedule on the NC40A in case I decide to order one?

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: John Dundas <ab6dg@netcom.com>
Subject: [1608] Pilgrimage to QRP+ birthplace
Message-ID: <Pine.3.89.9507101304.A17068-0100000@netcom19>

Greetings all--

Being in the Seattle area last week, I decided that a visit to Gig Harbor was in order. I called Bruce first, and he said "sure" and gave me directions.

Index Labs is a very small operation, located in a great spot looking out on (and not much higher than the water in) Gig Harbor, WA. Bruce appears to be chief cook, bottle washer, CEO, CFO, switchboard operator and mail room supervisor. He was most cordial, and was very interested in the report from P. Zenker as to the modifications that European owners were making (I gave Bruce a printout of the message that was posted here about 10 days ago).

Bruce promises that he is working on the new chip which will contain the finer CW speed steps, among other things, and that he will send out notices to all registered owners as soon as it is available. The chip replacement will require some disassembly of the rig, but didn't look too hard. He had an opened rig on the bench, and it appears that a couple of the circuit boards need to be lifted off to get at the EPROM board.

Interestingly, he said over half his sales have been in Europe so far. The review in last November's CQ really kicked off the US interest.

Meanwhile, back in the Seattle area (Bellevue, actually), I had a nice eyeball qso with Roy, W6EMT/7, the designer of the NW8020, and a member of this list. And I made a few QRP+ contacts on 40 meters, using my version of the famous Bic 40 Flamethrower antenna.

All in all, a week well spent!

72/3 de John AB6DG

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Nick Franco - KF2PH" <NICKF@rcadmin.nov.add.bnl.gov>
Subject: [1593] Pixie2 on 40 Meters
Message-ID: <MAILQUEUE-101.950710114344.480@rcadmin.nov.add.bnl.gov>

Well, I've been intrigued by the posts here lately on the Pixie2. When I built mine it worked without a hitch. Every once in a while, I would get some broadcast stuff on the receiver. So... with all this chat about the Pixie2, I decided to put mine up on 40 meters. I made the prescribed mods (a 40 meter crystal and 1uH inductor to replace the 2.2 uH in the pi filter). It worked just fine ... sort of. I had a little less power out and OH OH ---- BIG PROBLEM. A local AM Stereo radio station is BOOMING in. I mean BOOMING. Killing my eardrums loud. It drowns out all the CW. What the heck can I do about this????? I added a small air cap between the crystal and ground to bend the rock a little. It works well; I get about 2-3 kHz bend. It would be great if not for the broadcast QRM.

HELP!

72
Nick

.....-.-.-.-.-
Nick Franco - Brookhaven Nat'l Lab - RHIC Project
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fax:(516)282-3674 QRP-NE # 349

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: Rick Zabrodski <zabrodski@med.ucalgary.ca>
Subject: [1582] Post Sprint
Message-ID: <Pine.SUN.3.91.950709225541.7131A-100000@ume>

Family commitments made this a 1 hr sprint for me (two half hr. portions actually) First time I have used a real pencil, real keyer in a contest in a long time! My first homebrew contest ever. (I also built the keyer....any extras for that?) After 6 months of on and off fiddling I got my sierra to actually put out 2 watts. I then promptly adjusted it for 0.95 watts. Anyway, did a 20m only effort as time was limited. (monobander at 60 feet) 17 Qs, 11 SPC (I assume TX, NTX, STX is still TEXAS!) Who is this HP1AC guy? I have worked him so many times now that I have his ARCI number memorized! Nice to work Chuck, K5FO had a solid 559 copy. Toughest qso was N8ET, Bill, your signal was fine but my wife was trying to get my wallet out of my pants during the exchange! "XYL QRM" :-)

Most contacts were Q5, a nice change. Biggest problem was digital data droid QRM.

Now, if I could just get somebody to hear me on 30m.....

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: [1585] Post-Sprint
Message-ID: <199507101134.JAA03410@public.compusult.nf.ca>

QRP-L Gang and 1995 Summer QRP Homebrew Sprint participants.

Boy what a thrill to work the Contest chairman Cam N6GA/1 from Vermont. Is there extra bonus points for that (like working IARU contact stations??) Anyway a pleasure to hear Cam out on the East Coast. Also worked a few other folks on the list here - Scott NM1J (twice on 40 & 20), Bill N8ET, Dave NF0R and I believe a few others. Two Canadians Q's in Ontario and Nova Scotia were worked - missed Dr. Rick VE6GK (turn that beam North-East once in a while Rick and make believe your working Europe - hi). Also worked three countries QRP both ways - Germany and "believe-it-or-not" 5 point ARCI members in England and Poland.

I'm glad the contest was short since it was a busy, HOT summer Newfoundland day here. Bands were noisy with lots of quick QSB. Worked 21 Q's on 20 (18 multipliers) and only 4 Q's on 40. Equipment was not homebrew (wish I hadn't sold my OHR Classic since it cranks out 5 watts or so on 20 and 40) - ended up using the trusty Argosy and my "hot" (it was warm out) MFJ Super Hi-Q Loop on my southern facing third floor apartment balcony and my ever

trusty 100 foot long wire from the apartment balcony to a tree in a nearby lot. This doesn't compare to my "home" station yagi antennas in Montreal but it does work.

So thanks to the stations who strained to pick me up through the digital and voice and numbers station qrm.

73/72 Bob V01DRB/WA6ERB

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>
Subject: [1576] SF Bay Area - whats up??
Message-ID: <199507100206.WAA29938@brutus.bright.net>

I will be in Sunnyvale the week after next, and then near Watsonville the following week - any QRP/Hamradio activities in the area then??

3 Guys from Itay (or whatever that place is) is just around the corner from where I will be staying.....

73 - Bill Kelsey - N8ET
Kanga US
kanga@bright.net
419-423-4604
[HTTP://ncc1701-d.cc.nd.edu/kanga/](http://ncc1701-d.cc.nd.edu/kanga/)

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: PDouglas12@aol.com
Subject: [1610] Sig Gen
Message-ID: <950710175917_29787371@aol.com>

Went to a tiny flea market yesterday, mostly to have an eyeball with Bernard Seront, KB2???. He turned out to be an interesting young scientist working out at Stonybrook Univ. here on Long Island. I continue to impress my wife with the high-class people I meet from ham radio!

But I digress. I caught a bargain! Somebody was selling an old Conar sig generator for a buck. Well, it was missing a knob, and had little glass things in it (tubes, I think they used to be called). But he said it worked.

Sure. Wanted a buck for it. You heard me one green stamp. I didn't negotiate. I figured, if it works, fine. If not, I can't go into mourning over a dollar.

Guess what. It works. The little glass thing has this funny orange light

in it. It puts out a signal from 55kc to 60mHz. Attenuator seems to have about 60db range. Has a noise modulator too. A coup! Better than the tic tac lady's social coup. (Don't you just love that tic tac lady?)

The bottom line:

DOES ANYBODY HAVE A MANUAL FOR THE CONAR MODEL 280 SIGNAL GENERATOR?

(Please excuse the shouting; the hearing is going here.)

Much obliged gang. We leave for Nice on Wednesday night, but am toting a laptop and expect to stay in touch. TTFN es 72, Preston WJ2V

(Upon rereading, the above sounds a little like Nils, except I am not as literate or funny. Apologies to all including Nils.)

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995

From: nf0r@slacc.com

Subject: [1581] Sprint Stuff!

Message-ID: <9507092307.D0212EJ@slacc.com>

Wow! My first serious contest effort in many, many years. Had a ball! These short duration CW contests are the way to go these days. Who has the time anymore? <grin>

Ran an Argo 509 at 5W to an attic doublet fabricated from aluminum kitchen foil. Looks like 140 QSO points and 24 SPC's for a score of 23,520. Suspect this is an "also ran" entry but what the heck!

Best DX was HP1AC on 20M (he called me). Other long legged 20M contacts included V01DRB in NFD and N7ICK in OR. Thanks guys! Also worked N4ROA on 15, 20 and 40M. Somehow think this OM is going to card quite a score.

Thanks ARCI!

73 de Dave, NF0R

nf0r@slacc.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995

From: "BOB SCHNICK, DIRECTOR, LECOM LIBRARIES" <schnick@shrsys.hslc.org>

Subject: [1599] Ten Tec 208A CW Filter

Message-ID: <00993250.D2497DA9.76@shrsys.hslc.org>

I'm looking for the CW filter (Model 208A) for my TenTec 515. If anyone has a spare one laying around, I would hope he's on this fine list.

Please e-mail me off the list.

Thanks for the bandwidth 72 KA3YJG

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: mitchell@dtcs70.dtc.Kodak.COM (Brad Mitchel)
Subject: [1572] Wanted Argosy Accessories
Message-ID: <9507100050.AA15046@dtcs70.dtc.kodak.com>

I'm posting this for my friend, Scott, KB2GWF
Please call him regarding this.

Looking to buy any of the following options for the Argosy Transceiver:
#219 250Hz CW filter
#224 Audio CW filter
#223 Noise Blanker
#220 8 pole IF filter

Please call Scott if you have any of these that you are interested in
selling. His number is (716) 367-9826
Thanks, es 73

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>
Subject: [1583] What Sprint ?
Message-ID: <199507100613.XAA16392@mail.netcom.com>

Was looking foreward to the sprint all week..

Finished up my chores at 2030 and sat down to work the test.

Lots of stations on and around the 20 m qrp calling station..
This is going to be fun.

worked one station got a 559 - 08.. what a low qrp # !
Sent my qrpq # 8673.. received back an "r tu".

Heard na4k calling cq test.. (Was it na5k ?).. called him and
sent my qrpq # and received a "?" from him.
He sent me his ITU zone to which I replied with a "?".

Seems there was a major IARU test on at the same time.

Didn't hear any of youse guys out here on the left coast.

Lets see.. 2 q's , 2 states , power mult of 5 = 20 pts,

add on my 5k homebrew bonus.. gives me 5020 !

Quite an average for 15 minutes.

Now if I could keep that average for an hour...and if...and if..

--

72.25 (I still use high power when I need it)

Stan Goldstein , N6ULU

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995

From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>

Subject: [1596] Re: 30 Meter Prop. Study

Message-ID: <Pine.OSF.3.91.950710135754.23318C-100000@terra.nlnet.nf.ca>

Hi Nick - thought I'd drop you a note and stir it up a little. First off (and this is personal) go for 5 watts - forget the 1 watt stuff when you really want to 'capture' the dx station. I say this only if you don't have a 7 element tribander up at 75 feet - then 1 watt is ok. I don't feel ashamed calling myself a QRP'er when I run 5 watts. 1 watt doesn't add to my oh-my-gush scale... Reminds me when I took a bike trip and cycled from San Francisco to Los Angeles and took the train back. All I need to tell people is I cycled the distance - making the round trip didn't matter to me ;-)

By the way your antenna sounds OK. I don't know how high it is but getting it up higher may help. The 300 ohm twinlead sounds OK - you may do a little better with the 450 ohm Ladder Line and feed it right into a tuner with balun or if you can a Z match (I just use my MFJ tuner). But otherwise the big improvement you may see is going from 1 watt to 5 watts with your set-up. And of course the only aid would be your own skills which always gets better the more you operate...hi.

Good luck 73/72 Bob V01DRB/WA6ERB

On Mon, 10 Jul 1995, Nick

Franco - KF2PH wrote:

```
> I've been trying on and off since I built my SW-30. I still get side
> tracked when I hear DX out there. Then I waste lots of time trying
> for the DX with my 1 watt. I think I need to put up a dedicated 30
> meter antenna (maybe a 30 meter ground plane or something). I'm
> using a 125 foot wire center fed with 35 feet of 300 twin lead then a 4:1
> balun and coax into the shack (about 50 feet). I may be losing too
> much along the way.
```

```
> I did hear one of the qrp-1 group work the UY0ZA. It was John KC2DU.  
> I heard the exchange while I was in the pile up with my SW-30. I  
> never made the Q. John said he was running 4 watts (great job John).  
> I was tempted to fire up the ICOM 728 and try at 4 watts but I stuck  
> to my guns (pistol) and continued to get trashed on my SW-30.  
> Eventually, I moved along with my tail down and worked VJ3 something.  
> I didn't realize it was only Toronto until he told me. Not too good  
> on the DX meter but at least I know my SW-30 is getting out a little.
```

```
> 72,  
> Nick
```

> Nick Franco - Brookhaven Nat'l Lab - RHIC Project
> Building 1005 - Rm. 201 - UPTON, N.Y. 11973-5000 U.S.A.
> tel:(516)282-5467 Ham Call: KF2PH
> fax:(516)282-3674 ORP-NE # 349

✓

✓

Bob Gobrnick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

ORPer Galore - ORP ARCI, GORP, NORCAL, NEORP, COORP, MIORP, NWORP

Internet: bgobrick@terra.nlnet.nf.ca
 rgobrick@public.compusult.nf.ca

Compuserve: 70466.1405@compuserve.com

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)

Subject: [1602] Re: AB4EL's QRP FD....stubs
Message-ID: <199507101819.PAA11028@public.compuser.net>

Steve,

I want to thank you for the great write-up you did on the 20 meter J pole and theory of operation. It was great - I read it with great interest with hopes of "fending off those newbie hams in my club" who always try to "stump the ham geek (moi)" with questions like "How do you know where to tap the feed on the quarter wave stub on my 2 meter J pole". So I was finally going to "mass reproduce" your thesis for distribution to these newbies when I read your last paragraph and last sentence - you says "

BTW, most 2 M J-poles that I've seen seem to violate the
> 1% rule: the "stub" spacing should not be greater than
> 1% of the wavelength. So I have no idea at all how to
> determine the tap point for those antennas. :^)
>

Boy thanks alot - even the "Master Geek" is unsure - hi. Anyway Steve thanks again for your reply - it will be used in some form or another...

73/72 Bob V01DRB/WA6ERB

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: Jim.Nestor@ey.com
Subject: [1592] RE: ARCI Number
Message-ID: <00145000013888980000002*@MHS>

Wow, my first query!

Best I remember, you send \$12 the membership chairman, Mike Brice, WB8VGE who is on this list also. Don't have exact address, but it's in Massillon, Ohio. They assign the number and the price includes a subscription to the QRP Quarterly which is a FB publication.

Jim

From: usinet(qrp1)
Subject: ARCI Number
From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [1584] Re: Beacons

Message-ID: <Pine.A32.3.91j.950709231542.20472B-100000@homer04.u.washington.edu>

As I understand the rules one may, with the appropriate license, manually operate a beacon station below 28 Megahertz. The output power of which may not exceed 100 watts.

Operating automatic beacon stations below 28 Megahertz in the
^^^^^^^^^^
amateur bands is forbidden.

I applaud Jim, AL7FS, on his decision to operate a beacon station.

Unfortunately, I haven't heard it during the times I've been listening for it :(

Hear here!
Stephen Lee
AB7Hi

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1569] Re: Copy of latest QRPP?
Message-ID: <199507100015.TAA04353@chuck.dallas.sgi.com>

Verily verily I say unto all that cometh to this group and confess as did our friend Bob N2IPY thou shalt be rewarded. For unto us all we have been there and done that.

But here Bob has found a friend and may before the week is over have in his possession one "pink" issue of QRPP. This issue is important for several reasons.

1. It was lost unto Bob who did not go forth and renew.
2. But it was found by Chuck and somewhere resides within his shack and verily Chuck does search for it.
3. It was given unto Chuck by Doug, editor thereonto of the same issue. This while he wandereth the land and was present at Two Guys from Italy whereonto Doug did travel a great distance to converse and break bread together with the multitudes in the great land called California. Doug, being a great one among the many in the western most contiguous portion of this nation did bring forth a copy of

the same issue which had not yet been sent forth unto
the world for those chosen few to read and partake
thereof. It is this issue that when found shall once
again travel a great distance to be read and enjoyed
by an enlightened one.

Bob, enjoy and you owe someone (not me) a like gesture
later in life. Go forth and sin no more. :-)

dit dit

OK gang what did you learn from this? Verily I say unto
you go --- "Go and read the label on all your newsletters.
Is the renewal date this year, i.e. 1995? Then go forth
and renew early and I am in the process of getting two
years added to them all. Good luck." I did do the
same thing to my subscription of Hambrew, but the
check is in the mail..... :-)

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "John F. Woods" <jfw@jfwhome.funhouse.com>
Subject: [1571] Re: Copy of latest QRPp?
Message-ID: <199507100032.UAA01715@jfwhome.funhouse.com>

Chuck said:

> OK gang what did you learn from this? Verily I say unto
> you go --- "Go and read the label on all your newsletters.
> Is the renewal date this year, i.e. 1995?

What?

It's *1995* ?

Uh-oh.

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: jcumming@clark.dgim.doc.ca (Jim Cummings)
Subject: [1586] Re: Except for the Bagpipes - I would have done better...
Message-ID: <9507101212.AA11992@clark.dgim.doc.ca>

>The bagpipes....?? That's why my rate dropped way off at the end. My
>XYL took up the bagpipes several months ago - and decided to
>practice just outside the shack the last 20 minutes of the test. The
>low end of 20 is nothing compared to 14.060 with the bagpipes just
>outside the shack - even a CW filter would not have helped....
>
>73 - Bill Kelsey - N8ET
>Kanga US
>kanga@bright.net
>419-423-4604
>HTTP://ncc1701-d.cc.nd.edu/kanga/
>
>
>

I can commiserate with you Bill about the pipes. Terrible screeching, but must admit that when there is a full band of them, nothing stirs the blood more. In fact, the WW I version of the German infantry nicknamed the Canadian Black Watch (the Royal Highland Regiment of Canada) the "Ladies from Hell" because they would go over the top with kilts and pipers.

Anyways, I was on my Junior NCO course in CFB Petawawa in the summer of '71. Some piper from the Toronto Scottish Regiment decided to wake up the 700 inhabitants of the tent city on the Matawa Plain with the skirl of the ol' agony bag... Rumour has it that the body has never been recovered...

=====
Jim Cummings
eMail:jcumming@clark.dgim.doc.ca
packet:VE3XJ@VE3JF.#EONT.ON.CA.NOAM
73 and live better digitally
DON'T GET TOO EXCITED...
because remember, today is the first
day of the rest of your life.
=====

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: rarland@epix.net
Subject: [1611] Re: Except for the Bagpipes - I would have done better...
Message-ID: <Pine.SUN.3.91.950710184226.25237G-1000000@peach.epix.net>

On Mon, 10 Jul 1995, Jim Cummings wrote:

> >The bagpipes....?? Thats why my rate dropped way off at the end. My
> >XYL took up the bagpipes several months ago -

I'm dying to know what she wears under her kilt!?!?

73 rich

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: " Nick Tile@SEDGWICK(TILEN @ GBSEDN00)" <gbsednrt@ibmmail.com>
Subject: [1587] Re: G3RJV'S E-MAIL ADDRESS
Message-ID: <199507101251.IAA170250@nss1.CC.Lehigh.EDU>

On the grounds that George has published it, and therefore doesn't mind me
passing it on, his address is:

g3rjv@gqrp.demon.co.uk

Nick, g8ine@gb7esx
gbsednrt@ibmmail.com

Delivery Priority: Normal
Delivery Report: None

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: " Nick Tile@SEDGWICK(TILEN @ GBSEDN00)" <gbsednrt@ibmmail.com>
Subject: [1604] Re: GOT HIM - S01M]
Message-ID: <199507101941.PAA233959@nss1.CC.Lehigh.EDU>

> I just jumped out of the shower last night and heard some heavy duty
> diddling on 14.083... and there he was - S01M! It took me a couple of
> calls, but I got him with 4 watts on Baudot. Anybody else try?

what a wonderful picture that conjours up in the minds eye :-)))))

Nick, g8ine @ gb7esx

Delivery Priority: Normal
Delivery Report: None

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: privalko <privalko@Oakland.edu>
Subject: [1568] Re: How many kinds of Argosy?
Message-ID: <Pine.OSF.3.91.950709195856.1335A-100000@saturn.acs.oakland.edu>

On Fri, 7 Jul 1995, Bob Scott wrote:

> I am confused. How many different flavors of Ten Tec Argosy are there.
> So far I have seen referenced Argosy II and Argosy 525D. Are they the
> same or is one analog display and the other digital. I wish there was a
> Ten Tec FAQ around! Thanks.

Well, there is a Ten Tec FAN around :-)

There were three "flavors." The original Argosy in analog and digital versions, and the digital only, Argosy II. I have none of the above but always looking ;-)

73! =paul= wb8zjl

Collector of Ten Tec's and other fine plastics.

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: GREGOIRE@VALLEY.NET (ERNEST GREGOIRE)
Subject: [1603] Re: Kites to haul up antennas
Message-ID: <199507101931.PAA00518@dartvax.dartmouth.edu>

>In <199507082234.SAA12461@dartvax.dartmouth.edu>, ERNEST GREGOIRE wrote:

>

>>>Ernie,

>>> Have fun in Quebec. Don't forget to provide a DC return path
>>>to ground on that antenna. Run a choke from the antenna wire to a
>>>ground stake, otherwise you could wipe out either the output filter
>>>capacitors, or perhaps the final amp from static discharge.

>>

>>

>>Please tell me more about the static discharge.

>>

>>I planned to use a single wire of 1/4 wave length on any particular
>>band as the other side of the antenna. Is this wrong?

>

> Sounds good, as long as the whole thing gets grounded
> somewhere. You see, using a kite to launch an antenna is a little
> different than stringing one up on a tower or pole, or tree.
> Earth's electric field (in the vertical direction) is about 100
> volts per meter. Usually, the tree, or tower, or pole will distort
> this (weak) field so that your antenna is protected from picking
> up static charge.
> Perhaps you've heard, or experienced what happens when it
> rains or snows on your antenna. The water drops or flakes of snow
> bring down some charge onto your antenna. This increases the noise
> level at least, and can charge up an unterminated antenna to very
> high voltages. During a snowstorm, the end on my coax (unterminated)
> was arcing over every 20 seconds from the charge buildup...approx
> 3000 volts.
>
> When you launch a long wire with a kite, you are inserting
> your antenna into the earth's electric field, and its likely not
> getting distorted by nearby trees or towers or buildings. Even on
> a perfectly clear day your antenna gets charged from the local
> electric field, and can reach voltages dangerous to your equipment.
> So its important with this kind of antenna system to have
> an earth ground, to bleed off the charge your antenna may pick up.
> Yes, tie the 1/4 wave counterpoise to your rig...you need this
> for good R.F. operation.
> Check out your radio this way: measure the D.C. resistance
> from the centre pin of the R.F. connector to the outside (ground).
> If you measure a high resistance, you'll want to add a choke
> across the output...something that won't affect the R.F., but will
> provide a D.C. path to the case.
> If you measure a low resistance, there's a D.C. return
> path inside the radio.
> Before you raise the antenna, put a stake in the ground,
> and ground your rig to it...this ground is not necessary for R.F.
> purposes, but to bleed the static charge off the antenna.
>
> Even if you have a grounded radio...if you raise your
> antenna, then plug it into the radio, the static surge could wipe
> out at least the receiver's front end, or possibly the TX output
> stage. Connect the antenna to rig before working the antenna up
> with the kite. Taking these precautions, you'll be quite safe.

Hello Glen,

Thanks for your note on static discharge. Yes I have heard of the snow storm effect. I am using a gel cell for a supply and a QRP+ for a radio.

So there wont be any dc path unless I provide one. I had planned to do

just that. I have a ground lug on my MFJ tuner, and I had planned ot ground it to a "Dog Cork Screw", (for tying up dogs). It's about a foot long and not much of a ground rod but I didn't want to be driving rods in the ground on a Motel Back lawn. I thought of putting a ground wire from this lug to the ocean, since it will be very close at hand. Maybe I can get a 5 ft ground rod and just tap it in about 4 feet. This way I could have something to grab on to so that I could pull it out.

Do you think the doggie tie up will be ground enough for the static discharge?

73 de AA1IK

Ernie>

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: "N100Q Tom R. @ MR01 10-Jul-1995 1401" <randolph@improv.enet.dec.com>
Subject: [1606] re: Murata filter and others
Message-ID: <9507101954.AA02135@us4rmc.pko.dec.com>

Hey you folks looking for the filters! Ever consider making your own?

W7ZOI has written quite a lot about this in QST (old days) and now in QEX. I built a simple 3-pole one based on his results. A sweep with the network analyzer here at work shows that it matches his predictions pretty accurately.

This will be an IF filter for the simple superhet I'm building from "QRP Notebook". W1FB used a 455 KHz IF, but I opted for 4 MHz, as I had a handful of cheapo microprocessor xtals at that freq. All you need for equipment is a freq. counter and an oscillator to plug the crystals into - I used my project's BFO. Find as many matching xtals as you need, add some silver mica caps, and presto, a xtal filter!

BTW, an extra xtal on the same freq, pulled a little with a trimmer cap, gives you your BFO. W1FB put the trimmer on the front panel for a pseudo-tunable IF effect.

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: Steven Wilson <randyw@crl.com>
Subject: [1607] Re: Murata filters and others
Message-ID: <Pine.SUN.3.91.950710131449.28347A-1000000@crl5.crl.com>

Hamilton-Avnet maybe they just call themselves AVNET now will sell small quantities of Murata filters and many semiconductors.

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [1601] Re: New Kid on the block
Message-ID: <95Jul10.135439edt.14522-2+24@hooch.CC.Lehigh.EDU>

[...]

> Could really use some info on latest kit rigs. Requested, then misplaced
> info on NN1G rigs and am intrigued by what little I've heard about NorCal
> NC-40A and Sierra.

Jim,

I've pulled some of the reviews out of the archives. More to come. They're available via the list server in QRP-L/REVIEWS or via the anonymous ftp server in pub/listserv/qrp-l/reviews. See the welcome file (that you get when you subscribe to QRP-L) or e-mail me if you need help retrieving the files.

So far we've got:

Archive: reviews (path: qrp-l/reviews) -- Files:
auttek.rf1 (1 part, 5212 bytes) -- Auttek RF-1 Antenna Analyzer - N2CX
blank.form (1 part, 1049 bytes) -- Blank Review Form - K5FO
dans.nw8020 (1 part, 3935 bytes) -- Dans NW80/20 for 40M - WJ2V
mfj.90xx (1 part, 3281 bytes) -- MFJ 9030/9040 - NA5N
nocal.40a (1 part, 6470 bytes) -- NorCal 40a - K5FO
nocal.sierra (1 part, 1993 bytes) -- NorCal Sierra - K5FO
ohr.explorer30 (1 part, 2441 bytes) -- OHR Explorer for 30M - K5FO
radiokit.qrp30 (1 part, 2750 bytes) -- RadioKit QRP30 - WJ2V
swl.swl80 (1 part, 6946 bytes) -- SWL SWL80 - K5FO

/jim

From qrp-l@lehigh.edu Mon Jul 10 19:04:58 1995
From: JessQRP@aol.com
Subject: [1573] Re: QRP/homebrew help needed!
Message-ID: <950709212608_111263673@aol.com>

Thanks for the info on your involvement. I have been pretty casual about my operating, splitting time between QRO Dxing and QRP. I have worked most of the

states QRP and about 185 countries, not splitting out QRP contacts. I am in no hurry, I just enjoy building and operating. I worked all 50 on 40 meters while still a novice using an old pair of Kenwood 599 twins. The next rig was a A&A Eng rig on 30 meters. Antennas at that time were a G5RV and 30 meter dipole. I just finished putting up a half square on 30 for a little gain. I have now a Kenwood TS140. Previous to that I had a TS850 but didn't use all the bells and whistles. Had a Hygain Explorer 14 Tribander up for a while but found that the gain was not worth the worry. Winds here near Boulder are killer in the winter, can get over 100 mph 4 or 5 times a season. Currently the antenna farm is a 30 meter half square array, 80 meter inverted L, 30 meter dipole, 40 meter dipole, and R7 vertical, plus an assortment of VHF and UHF antennas. Can't say enough about the performance of the half square, good for about 2-3 s units over the vert and dipole.

Hope that bring you up to date!

CU on the air
72/73 Jess
N0TFI

From qrp-1@lehigh.edu Mon Jul 10 19:04:58 1995
From: Bob Gobrick V01DRB/WA6ERB <bgobrick@terra.nlnet.nf.ca>
Subject: [1594] Re: Wanted Argossy Accessories
Message-ID: <Pine.OSF.3.91.950710133906.23318A-1000000@terra.nlnet.nf.ca>

Brad,

You may want to pass on to your friend Scott KB2GWF that he may want to check with Ten Tec for new parts. They seem to carry quite a few of the older accessories, especially filters.

73/72 Bob V01DRB/WA6ERB

On Sun, 9 Jul 1995, Brad Mitchell
wrote:

> I'm posting this for my friend, Scott, KB2GWF
> Please call him regarding this.
>
> Looking to buy any of the following options for the Argossy Transceiver:
> #219 250Hz CW filter
> #224 Audio CW filter
> #223 Noise Blanker
> #220 8 pole IF filter
>
> Please call Scott if you have any of these that you are interested in

> selling. His number is (716) 367-9826
> Thanks, es 73
>
>

Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada

QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

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